

Coaxial Cable Connector  
11\_SMA-R50-4-97/133\_N

Description

Straight cable plug

Interface standards  
SUHNER-SMA-R50



Technical Data

Electrical Data

|                          |             |            |            |
|--------------------------|-------------|------------|------------|
| Impedance                | 50 $\Omega$ |            |            |
| Interface frequency max. | 18 GHz      |            |            |
| Frequency range          | DC to 2 GHz | 2 to 4 GHz | 4 to 6 GHz |
| Return loss              | 25 dB       | 20 dB      | 18 dB      |

Mechanical Data

|                |          |
|----------------|----------|
| Centre contact | soldered |
| Outer contact  | crimped  |
| Weight         | 0.007 kg |

Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Operating temperature                                | -65 °C to 165 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

Material Data

| Piece Parts    | Material               | Surface Plating                   |
|----------------|------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact  | Brass                  | SUCOPLATE (R) Plating             |
| Body           | Brass                  | SUCOPLATE (R) Plating             |
| Insulator      | PFA / PTFE             |                                   |
| Coupling nut   | Brass                  | SUCOPLATE (R) Plating             |
| Gasket         | VMQ (Silicone rubber)  |                                   |
| Crimp ferrule  | Copper                 | SUCOPLATE (R) Plating             |

Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00085658   |
| Catalogue drawing    | DCA-00117682   |
| Assembly instruction | DOC-0000241878 |

Ordering Information

|                      |                        |
|----------------------|------------------------|
| Bulk 100 pcs package | 11_SMA-R50-4-97/133_NH |
|----------------------|------------------------|

Additional Information

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Suitable cables | SPUMA_240-FR-01, Spuma_240-RS-FR, SX_04172_B-60, SPUMA_240 |
|-----------------|------------------------------------------------------------|

Remarks

Reverse polarised interface

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